

DERWENT PUBLICATIONS LTD.

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90316 C/51 BATTIE-INST EV 02.06.79-DT-922670; (11.12.80) A61k-09/68 Chewable compsn. for treating oral and respiratory disorders - contains active ingredients and opt. surfactants in chewable matrix	B05 BATT 02.06.79 *DT 2922-670	B(4-B1C, 4-C2, 4-C3D, 5-A1B, 5-B2C, 12-K6, 12-L4, 12-M10, 12-M11). 8 22
Chewable compsn. for treating diseases of the mouth, throat or respiratory tract comprises a chewable matrix (A) contg. active ingredients (B) and opt. surfactants. Pref. (B) are incorporated into finely-divided/porous particles of size 0.1-100 μ m, esp. made of cellulose-contg. materials derived from cereal grains, starch, aluminium oxide or hydroxide, MgO, SiO ₂ and/or CaCO ₃ . ADVANTAGES (B) are released at a uniform rate over a long period. The compsns. are sugar-free so do not induce caries and are acceptable to diabetics. DETAILS (A) is a conventional natural or synthetic material such as beeswax, carnauba wax, rubber etc. and can include flavourings, sugar substitutes etc. (B) is generally 0.2-0.6% e.g. oil of sage (decongestant); Ecchinacea extract (to inhibit infection); thymol (disinfectant); arnica oil, azulene or oil	of rosemary (to treat inflammation of the mucosa); trihydroxyethyl rutin (antitussive) or ascorbic acid (to stimulate local metabolic processes). The components can simply be kneaded together, or the porous particles are first impregnated with (B) then dried. Claimed surfactants are Na laurylsulphate, Na ₂ octylsulphosuccinate, Na alkylsulphoacetate, Na laurylsarcosinate, sorbitan esters, (NH ₄) ₂ HPO ₄ , borax, glycine or enzymes. EXAMPLE None given.(6pp1251).	90316C DT2922670

- Clean / on order.
- Matrix system \rightarrow significant power act in this area.
- Our' chew system \rightarrow multiple phase not matrix.
overcomes the dissolution problems of matrix systems.

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Patent Assignee: BATTELLE INSTITUT E V

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DE 2922670	P	790602	DE AE	DOMESTIC APPLICATION (PATENT APPLICATION) (INLANDSANMELDUNG (PATENTANMELDUNG))
			DE 2922670 A	790602
DE 2922670	P	801211	DE A1	LAYING OPEN FOR PUBLIC INSPECTION (OFFENLEGUNG)
DE 2922670	P	810806	DE 8110	REQUEST FOR EXAMINATION PAR. 44 (EINGANG VON PRUEFUNGSANTRAEGEN PAR. 44)
DE 2922670	P	820909	DE D2	GRANT AFTER EXAMINATION (PATENTERTEILUNG NACH DURCHFUEHRUNG DES PRUEFUNGSVERFAHRENS)
DE 2922670	P	830113	DE 8363	OPPOSITION AGAINST THE PATENT (EINSPRUCH GEGEN DAS PATENT ERHOBEN)
DE 2922670	P	830707	DE 8330	COMPLETE DISCLAIMER (GAENZLICHER VERZICHT)

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